

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05812 - Goat Anti-ARIH1 / HHARI Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ARIH1, HHARI, ARI, HARI, UBCH7BP, ariadne homolog, ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila), ariadne homolog, ariadne, Drosophila, homolog of, DKFZp686O13120, FLJ20329, FLJ93118, ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1

**Official Symbol:** ARIH1

**Accession Number(s):** NP\_005735.2

**Human GeneID(s):** [25820](#)

**Non-Human GeneID(s):** 23806 (mouse)

### Immunogen

Peptide with sequence C-HEGYEKDLWEYIED, from the C Terminus of the protein sequence according to NP\_005735.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 65kDa band seen in U937 lysate [Predicted MW of approx. 61kDa according to NP\_005735]. Recommended for use at 0.2-1µg/ml. Primary incubated for 1 hour.

**IHC:** Paraffin embedded Human Adrenal Gland. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Cow

### Specific References

**This antibody has been successfully used in IHC on Mouse:**

Xiaolan Liu, Xufeng Cen, Ronghai Wu, Ziyang Chen, Yanqi Xie, Fengqi Wang, Bing Shan, Linghui Zeng, J Zhou, Bojian Xie, Yangjun Cai, Jin-Yan Huang, Yingjiqiong Liang, Youqian Wu, Chao Zhang, Dongrui Wang, Hong-Guang Xia

ARIH1 activates STING-mediated T-cell activation and sensitizes tumors to immune checkpoint blockade.

Nat Commun. 2023 Jul 10;14(1):4066.

PMID: 37429863

**This antibody has been successfully used in the following paper:**

Youqian Wu, Chao Zhang, Xiaolan Liu, Zhengfu He, Bing Shan, Qingxin Zeng, Qingwei Zhao, Huaying Zhu, Hongwei Liao, Xufeng Cen, Xiaoyan Xu, Mengmeng Zhang, Tingjun Hou, Zhe Wang, Huanhuan Yan, Shuying Yang, Yaqin Sun, Yanying Chen, Ronghai Wu, Tingxue Xie, Wei Chen, Ayaz Najafov, Songmin Ying, and Hongguang Xia

ARIH1 signaling promotes anti-tumor immunity by targeting PD-L1 for proteasomal

degradation.  
Nat Commun. 2021; 12: 2346.  
PMID: 33879767

EB05812 staining (0.5µg/ml) of U937 lysate (RIPA buffer, 30µg total protein per lane). Detected by chemiluminescence.

EB05812 (5µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.